Mercedes-Benz



Integrated V60 Digital Cellular Phone

In-Vehicle Operation Guide

Please familiarize yourself with these operating instructions and your Motorola cellular telephone before attempting to operate it while driving.

We continuously strive to improve the integrated telephone system and we ask for your understanding that we reserve the right to make changes in design and equipment. Therefore, information, illustrations and descriptions in this operating manual might differ from your vehicle.

If there are any equipment details that are not shown or described in these operating instructions, or if you have any questions regarding the descriptions or the operation of the digital telephone system, your authorized Mercedes-Benz Center will be happy to assist you.

Please read this manual carefully before putting it aside. Then return it to your vehicle where it will be handy for your reference.

We extend our best wishes for many miles of safe, pleasurable driving.

DaimlerChrysler Aktiengesellschaft

Phone Overview



The phone uses the vehicle’s integrated antenna when connected via the coilcord.

Personal Communications Sector
600 North U.S. Highway 45
Libertyville, Illinois 60048

1-800-331-6456 (United States)
1-888-390-6456 (TTY/TDD United States)
1-800-461-4575 (Canada)

www.motorola.com (United States)
www.motorola.ca (Canada)

Software Copyright Notice

Manual number: 6809435A59-O

Features

This telephone system is fully integrated with your Mercedes-Benz audio system and steering wheel switches*. You can scroll through the first 99 entries in your phone book and access the entire phone number memory; place, receive, and terminate calls; change volume; and view call status (such as Ready, Dialing, Incoming Call, Call Active, No Service, Redial, etc.). Because exact phone features are dependent on the particular audio system installed in your vehicle, detailed operation is covered in your audio system manual. Please refer to it.

Notes:

- In order for your Mercedes-Benz volume controls to work in conjunction with your Motorola phone (to change ringer volume or adjust call volume), the vehicle must have either the engine running or the ignition key turned clockwise to the last position before starting the engine.
- Your phone includes many new features that take additional time to initialize, resulting in increased power up/down time. Please wait until the phone is completely powered up before using any feature from both the radio and phone controls.

Finding Information on Phone Features

Your new Mercedes-Benz telephone operates in two modes:

- *Vehicular Mode*—when the phone is inserted and snapped into the privacy cradle in the vehicle
- *Portable Mode*—when the phone is operating as a stand alone device (NOT inserted and snapped into the privacy cradle in the vehicle)

Most features of your new Mercedes-Benz telephone are available in both modes.

This guide contains basic information on using your phone in Vehicular Mode to place and receive calls.

* *Not available on all models.*

Refer to the user's guide for your phone for information on the following:

- Installing and charging your phone's battery
- Turning the phone on and off
- Placing, receiving, and ending calls
- Redialing numbers
- Reading your phone's indicators
- Controlling phone volume
- Storing numbers in your phone's built-in phonebook
- Other phone options and features

Note: Your cellular carrier may not support some of the features of your new Mercedes-Benz Integrated System; to find out what features are available, contact your cellular carrier.

Vehicular Mode Operation

When you connect your phone to your Mercedes-Benz vehicle, the phone is ready to operate in Vehicular Mode.

In Vehicular Mode, your phone is connected to many integrated features of your vehicle and its audio system, offering these advantages:

- You can use your phone in either Hands Free mode or in privacy mode.
- Your phone uses your vehicle's speakers for better sound fidelity in Hands Free mode.
- Your vehicle charges your phone's battery when the vehicle is running.
- When you place or receive a call, your vehicle's radio, CD, and/or tape player volume is automatically muted so you can hear the person on the other end.

Before you use your phone in Vehicular Mode, you should familiarize yourself with how this system operates.

Switching into Vehicular Mode

Switch your phone into Vehicular Mode by *docking* it.

To dock your phone:

Step	
1	Angle the phone into the cradle so that the connector on the bottom of the phone engages the connector built into the cradle.
2	Pivot the top end of the phone down to latch it into place. **Note:** If you are using the slim or high performance battery with your phone, you must ensure that the battery insert is installed correctly. See "Installing the Special Battery Insert" on page 6.
3	To latch the cradle into the holder, close the phone's flip, and angle the coilcord end of the cradle into the shrouded end of the holder.

Step	
4	Pivot the cradle down to securely latch it. **Note:** The cradle should never be placed into the holder with the phone's flip open. **Close the flip before securing the cradle in the holder** in order to prevent damage to the phone when the console cover is closed.

Notes:

- Your phone plays a confirmation beep when docked. Wait for this beep before undocking.
- While in Vehicular Mode, the phone operates on the vehicle's integrated cellular antenna.

⚠ **Caution:** Mercedes-Benz recommends keeping the phone docked in the cradle while operating the vehicle. If you must use the handset for privacy operation, stop the vehicle prior to removing the phone from the cradle.

Installing the Special Battery Insert

The V60 cradle is supplied with a special insert to make it easier to align the phone with the cradle's embedded connector when you use certain batteries. **You should only install this insert if you are using the slim or high performance battery.** The slim battery is supplied as a standard component in the CDMA V60 kit, while the high performance battery is standard in the TDMA V60 kit. You should remove the insert when using the optional extra capacity battery.

To install the insert:

Step	
1	Align the four tabs on the side of the insert with the corresponding slots in the cradle.
2	Gently push the insert into the slots until it snaps into place. If you are using the slim battery, the side marked "FOR USE WITH SLIM BATTERY" should face up. If you are using the high performance battery, the side marked "FOR USE WITH HIGH PERFORMANCE BATTERY" should face up.
3	If you plan to use the extra capacity battery with your phone, remove the insert by gently prying it out with a small flat screwdriver, exercising care not to mar the side walls of the cradle.

When in Vehicular Mode

In Vehicular Mode, the phone turns on automatically each time you turn on the vehicle ignition if the head unit is turned on.

To turn off the phone, open the flip, and press PWR. If your ignition is on when you turn your phone off, a flashing battery icon and Pwr will appear in the display. While in this mode, calls cannot be placed or received. The next time the ignition is turned on, the phone will turn on. To turn the phone back on, press PWR again.

If your phone is on for more than five minutes when your vehicle's ignition is off, the phone automatically turns itself off to conserve your vehicle's battery.

Switching Out of Vehicular Mode

To disengage your phone from Vehicular Mode:

Step
Remove the phone from the cradle by pressing the black tab on the top of the cradle.
You can remove the phone with the cradle in or out of the holder.

To remove the cradle from the holder, press the release button on the holder.

Note: If you switch out of Vehicular Mode during a call, the party on the other end will hear a click.

Placing a Call Using Hands Free Operation

Hands Free operation allows you to use the phone while it is docked in the cradle. The phone audio is projected through your vehicle's audio system speakers. The Hands Free microphone allows both driver and passenger to engage in the conversation.

Step	
1	Prepare the phone for Hands Free use: • Dock the phone. (See "Switching into Vehicular Mode" on page 5.) • Ensure the flip is closed.
2	Dial the telephone number via the radio keypad or via voice command.* **Note:** You can enter up to 32 digits.
3	Press Send on the radio keypad or steering wheel, or speak the voice command: "Dial."* If the network is busy, you hear a fast busy signal. Your phone automatically redials over the next four minutes. When the call goes through, your phone rings one time and connects the call.
4	Begin your conversation.
5	To end the call, press the End key on the radio keypad, steering wheel, or voice activation stalk.*

* *Not available on all models.*

Placing a Call Using Handset Operation

In handset operation, the cellular phone remains in the cradle, but the cradle is removed from the holder and the phone is held to your ear with the flip open. In this mode, passengers in the vehicle are prevented from hearing the person on the other end of the call.

Step	
1	With the phone properly docked, dial the number you are calling. **Note:** You may also dial the number with the phone out of the cradle. If your audio system is on when you make a call, it automatically mutes to allow the person you are calling to be heard.
2	Press the Send button on the phone, radio keypad, or steering wheel* to initiate the call.
3	Remove the phone and cradle from the holder, lift the phone to your ear, and begin your conversation. **Note:** Your phone will display the In Use icon while the call is active.
4	When you are finished with the call, press END on the phone, head unit, or steering wheel.

* *Not available on all models.*

Answering a Call Using Hands Free Operation

Step	
1	Prepare the phone for Hands Free use: **a** Close the flip on the phone. **b** Dock the phone. (See “Switching into Vehicular Mode” on page 5.)
2	Press Send on the radio keypad or steering wheel* to answer the call.
3	Speak clearly in order for the Hands Free microphone to deliver your conversation.
4	After you finish your conversation, end the call by pressing the End key on the radio keypad or steering wheel.*

* *Not available on all models.*

Note: If your phone is set to silent mode while it is docked, you will not hear a hands free ring tone when you receive a call.

Answering a Call Using Privacy Mode

Step	
1	Remove the cradle from the holder.
2	Open the flip on your phone.
3	Lift the phone to your ear.
4	Begin speaking.

Switching from Hands Free to Handset Operation

If you are using the phone in Hands Free operation and wish to switch to Handset operation:

Step	
1	Open the flip on your phone.
2	Remove the phone and cradle from the holder.
3	Begin speaking.

Switching from Handset to Hands Free Operation

With the phone in the cradle, close the flip to switch the call from Handset to Hands Free mode.

Muting and Unmuting a Hands Free Call

To Mute

Press the mute key on the radio keypad.

To Unmute

Depress the mute key on the radio keypad.

Muting and Unmuting a Handset Call

To Mute

Press MUTE ( ).

This mutes the call so the other party cannot hear you speaking.

To Unmute

Press UNMUTE ( ).

Entering and Exiting Vehicular Mode During a Call

To Continue a Call While Leaving the Vehicle

Step	
1	Open the flip.
2	Remove the phone and cradle from the holder.

You can now continue your conversation outside the vehicle.

Note: The call will be disconnected if the phone and cradle are removed from the holder when the flip is closed.

To Continue a Call While Entering the Vehicle

Step	
1	Attach the phone and cradle to the holder.
2	Ensure the vehicle is running before closing the flip.

Note: Before attaching the phone and cradle to the holder, be sure the vehicle is ON.

When your phone is properly docked, your vehicle's electrical system begins to recharge the phone's battery. If the phone is properly docked, the battery icon in the phone's display will blink on and off.

Operation from the Radio

Features available through your vehicle's radio controls include:

- Digit dialing (to dial any phone number)
- Memory scrolling (alpha or numeric)

- Last 10 numbers dialed
- Unlock the phone system (using the first 3 digits of the phone's 4-digit unlock code)
- Answer a call
- DTMF tone dialing during a call (for accessing voice mail, automated phone menus, etc.)
- Speed dialing, Turbo Dial™
- Signal strength
- Call status information (in use, roaming, etc.)
- Automatic redial
- Phonebook editing
- Mobile Terminated SMS (Short Message System)

  (SMS Messages can be received and displayed on the audio head units in Vehicular Mode but cannot be sent by the head unit.)
- Caller ID
- Last number dialed from portable phone
- Incoming call list*
- Pause & Variable Head Unit entry

  (Pause and Variable characters can be entered from head unit by pressing two or three times respectively. Variable entry is only available through Privacy Mode.)
- Missed call message*

These features are described in the user's guide for your phone and in the radio manual.

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* *Not available on all models.*

Memory Download

The radio cannot directly access your phone's memory. Instead, it saves a synchronized copy of the phone's memory. This synchronization process is performed automatically each time the vehicle power is turned on and/or the phone is docked.

Unlocking the Phone in Vehicular Mode

Your phone uses the first three digits of your phone's 4-digit unlock code in Vehicular Mode.

Mercedes-Benz USA, LLC
One Mercedes Drive
Montvale, New Jersey 07645

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